Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Sunday 10 Dec 2023 until 23:59 on Monday 11 Dec 2023

Forecast Issued on Saturday 09 Dec 2023 at 12:23

Confidence: High for occasionally unsettled, lowering confidence in the detail of worst of the weather.

Headline for Sunday 10 Dec 2023: Rain and summit snow for much of the day. Summit winds strong bringing severe wind chill at height.

Mountain weather hazards on Sunday 10 Dec 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Medium Likelihood

Heavy persistent rain
Medium Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Cloudy	Sleet	Sleet	Heavy Rain	Light rain	Heavy Rain
Precipitation probability							
70%	80%	20%	30%	80%	80%	60%	80%

Forecast for Sunday 10 Dec 2023

Weather: Best chance of seeing limited drier and brighter conditions early morning on another wise cloudy day of rain which turns heavy at times, particularly for the afternoon, and falling as snow from 800-1000m.

Chance of cloud-free hill tops above 800m: 40% early morning, otherwise 10% or less

Low cloud and visibility: Good, becoming moderate or poor in rain, very poor within cloud with bases generally extensive from 500m from mid-morning.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Sunday 10 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	42/54 W	39/49 W	25/31 W	18/22 S	20/27 SE	26/34 S	22/27 SW	17/23 S	13/18 E
600	34/47 W	31/43 W	20/29 W	13/19 S	17/25 SE	21/29 S	15/22 SW	12/18 S	11/16 W
300	16/40 W	14/36 W	9/23 W	4/15 S	8/20 SE	7/20 S	6/18 SW	5/15 S	7/14 W
Valley	15/36 W	13/32 W	8/21 W	4/12 SW	7/17 SE	5/16 S	5/15 SW	7/14 SE	9/16 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	2/-6	2/-6	1/-6	1/-5	0/-6	1/-6	2/-4	1/-4	1/-3
600	4/-2	4/-3	3/-3	3/-2	2/-3	3/-3	4/-1	3/-1	3/-1
300	6/2	6/2	5/2	4/3	5/2	4/2	6/4	5/3	5/3
Valley	8/5	8/5	8/5	7/5	7/5	7/5	7/6	7/6	8/5
Freezing Level*	1400m	1300m	1100m	1000m	1100m	1300m	1300m	1300m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Difficult conditions for much of the day with hill fog quite extensive from late morning, coupled with severe wind chill at height.

Forecast for Monday 11 Dec 2023

Weather: Brighter spells and only a few light showers by day, snow level 800m, but chance of some rain, snow across highest tops, for a time early morning also moving into the evening, with some heavier outbreaks developing into the night.

Maximum wind: Variable 15mph or less

Chance of cloud-free hill tops above 800m: 75% by day

Low cloud and visibility: Generally good, becoming moderate or poor in rain or showers, very poor within cloud infrequently lowering to 600m.

Temperature: **Valleys:** Zero Celsius increasing 8 Celsius for the afternoon
At 800m: Plus 1 Celsius
Freezing level: 900-1000m by day

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Ground Conditions Supplement

Date: Saturday 9 December 2023. Location: Grizedale Pike summit at 11:28 Full report: A wet and windy day in the lakes with winds near gale force over high ground. The north and western fells are now largely snow-free with just small fragments of snow lingering in some sheltered areas. The central, southern, and eastern fells by contrast received more snow last week, and (although it is rapidly thawing at all levels) more is likely to remain in these areas. The temperature is above freezing on the highest tops today so any remaining snow will be wet, soft, and thawing. The highest fells still have a considerable covering of snow although it is often interspersed with areas of bare ground. Deep drifts (up to knee deep) are present in sheltered areas predominantly on north-facing slopes. Compacted snow-ice may also be present with overnight refreezing. Exposed routes such as Swirral and Striding Edge require care and are a mixture of wet rock and soft snow. Microspikes are advisable, and crampons and ice axe should be carried on these and similar steep and exposed routes in case the wet snow freezes at altitude. Full winter clothing (waterproofs, extra warm layers, hat and gloves), and equipment including a map, compass, and a headtorch are all essential. Temperature: plus 3.8 C, Maximum wind speed 50.5 mph, Wind chill: minus 3.4 C, Average wind speed: 32.8 mph
Issued at: 1223 on Sat 09 Dec 2023

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.